



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

Address: COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/532,977	04/28/2005	Lily Ka-Lai Cheng	P08608US00/RFH	3081
881 7590 07/09/2008 STITES & HARBISON PLLC 1199 NORTH FAIRFAX STREET SUITE 900 ALEXANDRIA, VA 22314			EXAMINER TORRES RUZ, JOHALI ALEJANDRA	
			ART UNIT 2838	PAPER NUMBER
			MAIL DATE 07/09/2008	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/532,977

**Applicant(s)**

CHENG ET AL.

**Examiner**

JOHALI A. TORRES RUIZ

**Art Unit**

2838

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 28 March 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 41-98 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☒ Claim(s) 41-98 are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 28 April 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-8508)
- Paper No(s)/Mail Date \_\_\_\_\_

- 4) ☐ Interview Summary (PTO-413)
- Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***Election/Restrictions***

1. This application contains claims directed to the following patentably distinct species of the claimed invention:

Species 1A: activator is operable to provide both the first and second power transfer areas at the same time, as shown in claims 42, 81 and 90;

Species 1B: activator is operable to provide first and second power transfer areas at different respective times, as shown in claims 43, 82 and 91;

Species 2A: first and second power transfer areas are arranged in a substantially non-overlapping manner at the power transfer surface, as shown in claims 46, 85 and 94;

Species 2B: first and second power transfer areas are arranged in an overlapping manner at the power transfer surface, as shown in claims 47, 86 and 95;

Species 3A: at least one of first and second coils is arranged to generate an electromagnetic field which is generally parallel to the power transfer surface, as shown in claim 51;

Species 3B: at least one of first and second coils is arranged to generate an electromagnetic field which is generally perpendicular to the power transfer surface, as shown in claim 52;

Art Unit: 2838

Species 4A: at least one of first and second coils is generally rectangular in shape, as shown in claim 55;

Species 4B: at least one of first and second coils is substantially circular or elliptical, as shown in claim 56;

Species 5A: at least one further coil contained within the boundary of the first coil, as shown in claim 61;

Species 5B: at least two further coils contained within the boundary of the first coil, as shown in claim 62;

Species 6A: the indication comprises outlining of the coil area, as shown in claim 71;

Species 6B: the indication comprises filling or patterning of the coil area, as shown in claim 72;

Species 6C: the indication comprises a line or arrow, as shown in claim 73;

Species 6D: the indication is rendered by printing ink, as shown in claim 74;

Species 6E: the indication is rendered by raising or lowering parts of the power transfer surface, as shown in claim 75;

Species 6F: the indication is rendered by an overall shape of the primary unit, as shown in claim 76;

2. Applicant is required under 35 U.S.C. 121 to elect a single disclosed combination of species for prosecution on the merits to which the claims shall be restricted if no

generic claim is finally held to be allowable, from the combination of species 1A, 2A, 3A, 4A, 5A, 6A; 1A, 2A, 3A, 4A, 5A, 6B;.....1B, 2B, 3B, 4B, 5B, 6F.

3. Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

4. Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

5. Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

6. Applicant is advised that a complete reply to this requirement must include an identification of the species that is elected and a listing of all claims readable thereon. Applicant is entitled to consideration of claims to a reasonable number of disclosed species in addition to the elected species provided all the claims to each additional

Art Unit: 2838

species are written in dependent form or otherwise include all the limitation of an allowed generic claim as provided by 37 CFR 1.141. Applicant's reply must include an identification of such additional species along with a listing of the claims readable on each additional species.

***Conclusion***

7. A shortened statutory period for reply to this Office Action is set to expire ONE MONTHS from the mailing date of this Office Action. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to JOHALI A. TORRES RUIZ whose telephone number is (571)270-1262. The examiner can normally be reached on M- Alternating F 7:30am-5pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Akm Ullah can be reached on (571) 272-2361. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2838

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Johali A Torres Ruiz/  
Examiner, Art Unit 2838

/Akm Enayet Ullah/  
Supervisory Patent Examiner, Art  
Unit 2838

JAT